

Table 8

Allstates Summary

Cotton Insect Losses 2012

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	23,894	0	0.00	0.00	\$0.00	0.000%	0
Bollworm/Budworm	6,512,925	1,349,555	1.20	0.13	\$1.06	0.188%	60,853
Pink Bollworm	18,500	0	0.00	0.00	\$0.00	0.000%	0
Cotton Fleahopper	4,975,626	1,302,215	1.64	0.17	\$1.22	0.152%	29,091
Lygus	5,744,318	2,848,888	3.30	0.75	\$8.16	0.695%	281,003
Cotton Leaf Perforator	9,286	0	0.00	0.00	\$0.00	0.000%	0
Spider Mites	3,617,075	1,284,449	1.32	0.13	\$1.49	0.147%	63,726
Thrips	8,890,673	4,427,147	1.23	0.43	\$2.77	0.374%	123,947
Beet Armyworm	244,436	8,260	0.98	0.00	\$0.01	0.001%	495
Fall Armyworm	763,301	21,800	0.32	0.00	\$0.01	0.003%	1,116
European Cornborer	0	0	0.00	0.00	\$0.00	0.000%	0
Stink Bugs	4,936,193	2,559,390	1.45	0.29	\$2.40	0.375%	125,892
Grasshoppers	1,229,518	156,732	0.87	0.01	\$0.09	0.001%	121
Saltmarsh Caterpillars	44,112	333	1.00	0.00	\$0.00	0.000%	0
Aphids	5,653,039	1,009,267	1.01	0.08	\$0.79	0.038%	14,757
Banded Winged Whitefly	816,188	12,537	1.00	0.00	\$0.01	0.000%	157
Silverleaf Whitefly (Bemesia)	596,499	277,388	1.40	0.03	\$0.65	0.037%	13,659
Loopers	252,091	0	0.00	0.00	\$0.00	0.000%	0
Southern Armyworms	44,485	0	0.00	0.00	\$0.00	0.000%	0
Cutworms	843,571	603,392	0.96	0.05	\$0.18	0.000%	18
Clouded Plant bugs	761,715	60,850	1.00	0.00	\$0.01	0.009%	3,085
Other Insects 1	381,247	116,679	1.05	0.01	\$0.07	0.012%	4,040
Other Insects 2	174,741	92,289	1.00	0.01	\$0.05	0.000%	0
Other Insects 3	2,813	0	0.00	0.00	\$0.00	0.000%	0
Other Insects 4	59	59	1.00	0.00	\$0.00	0.000%	0
Other Insects 5	490,732	2,810	0.65	0.00	\$0.00	0.001%	239
				2.096	\$18.95	2.04%	722197

Yield & Management Results

Total Acres	12,623,828
Total bales Harvested	17,574,407
yield (lbs/acre)	668
Total bales Lost to Insects	722,197
Percent Yield Loss	2.04%
Yield w/o Insects (lbs/ac)	682
Ave. # Spray Applications	2.10
Bales lost all factors	11,271,422
% yield loss all factors	39.1%

B. Weevil erad = \$3.58

**PBWerad = \$0.29

Economic results

	Total	Per Acre
Foliar Insecticides Costs	\$239,213,947	\$18.95
At Planting Costs	\$101,467,415	\$8.04
In-furrow costs	\$9,653,227	\$0.76
Scouting costs	\$52,469,947	\$4.16
Eradication costs	\$48,899,276	\$3.87
Transgenic cotton	\$196,347,037	\$15.55
Total Costs	\$648,710,882	\$51.39
Yield Lost to insects	\$247,834,926	\$19.63
Total Losses + Costs	\$896,545,807	\$71.02